H0106-T/W

0049014

RECRA LabNet

a division of Recra Environmental, Inc.

Virtual Laboratories Everywhere

NOV 1997 RECEIVED Data Log In

Recra LabNet Philadelphia
Analytical Report

Client : TNU-HANFORD
RFW# : 9710L777
SDG# : H0106

W.O.# : 10985-001-001-9999-00
Date Received: 10-11-97

METALS CASE NARRATIVE

1. This narrative covers the analyses of 1 water sample.

2. The sample was prepared and analyzed in accordance with methods checked on the attached glossary.

3. All analyses were performed within the required holding times.

4. The cooler temperature has been recorded on the Chain of Custody.

5. All Initial and Continuing Calibration Verifications (ICV/CCVs) were within control limits.

6. All Initial and Continuing Calibration Blanks (ICB/CCBs) were within control limits.

7. All preparation/method blanks were within method criteria. Refer to the Inorganics Method Blank Data Summary.

8. All ICP Interference Check Standards were within control limits.

9. All laboratory control samples (LCS) were within the laboratory control limits. Refer to the Inorganics Laboratory Control Standards Report.

10. All matrix spike (MS) and matrix spike duplicate (MSD) recoveries were within the 80-120% control limits. Refer to the Inorganics Accuracy Report.

11. All MSs and MSDs were within the 20% Relative Percent Difference (RPD) control limits. Refer to the Inorganics Matrix Spike Duplicate Report.

12. All duplicate analyses were within the 20% RPD control limits. Refer to the Inorganics Precision Report.

13. For the purposes of this report, the data has been reported to the Instrument Detection Limit (IDL). Values between the IDL and the Practical Quantitation Limit (PQL) are acquired in a region of less-certain quantification.

Bruce C. [signature] unit leader

J. Michael Taylor
Vice President and Laboratory Manager
Lionville Analytical Laboratory

11-14-97
Date

sk\lm10-77

The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 12 pages.

208 Welsh Pool Road • Lionville, PA 19341-1333 • (610)-280-3000 • Fax (610) 280-3041

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

SDG#: H0106
Laboratory Batch: 9710L777

W.O.#: 10985-001-001-9999-00
Collection Date: 10-11-97

SAMPLE ID	LABORATORY ID
BOM307	9710L777-001

METALS METHODS GLOSSARY

The following methods are used as reference for the digestion and analysis of samples contained within tl
RFW Lot#: 9710L777

Leaching Procedure: __1310 __1311 __1312 __Other:_____

CLP Metals __ Digestion and __ Analysis Methods: __ILM03.0 __ILM04.0

Metals Digestion Methods: ✓3005A __3010A __3015 __3020A __3050A __3051 __200.7 __SS17
__Other: _____

Metals Analysis Methods

	SW846	EPA		STD MTD	EPA OSWR	USATHAM
Aluminum	__6010A	__200.7				__99
Antimony	__6010A __7041 [5]	__200.7	__204.2			__99
Arsenic	__6010A __7060A [5]	__200.7	__206.2	__3113B		__99
Barium	__6010A	__200.7				__99
Beryllium	__6010A	__200.7				__99
Bismuth	__6010A [1]	__200.7 [1]			__1620	__99
Boron	__6010A [1]	__200.7				__99
Cadmium	__6010A __7131A [5]	__200.7	__213.2			__99
Calcium	__6010A	__200.7				__99
Chromium	✓6010A __7191 [5]	__200.7	__218.2			__SS17
Cobalt	__6010A	__200.7				__99
Copper	__6010A __7211 [5]	__200.7	__220.2			__99
Iron	✓6010A	__200.7				__99
Lead	__6010A __7421 [5]	__200.7	__239.2	__3113B		__99
Lithium	__6010A __7430 [4]	__200.7			__1620	__99
Magnesium	__6010A	__200.7				__99
Manganese	__6010A	__200.7				__99
Mercury	__7470A [3] __7471A [3]	__245.1 [2]	__245.5 [2]			__99
Molybdenum	__6010A	__200.7				__99
Nickel	__6010A	__200.7				__99
Potassium	__6010A __7610 [4]	__200.7	__258.1 [4]			__99
Rare Earths	__6010A [1]	__200.7 [1]			__1620	__99
Selenium	__6010A __7740 [5]	__200.7	__270.2	__3113B		__99
Silicon	__6010A [1]	__200.7			__1620	__99
Silica	__6010A [1]	__200.7			__1620	__99
Silver	__6010A __7761 [5]	__200.7	__272.2			__99
Sodium	__6010A __7770 [4]	__200.7	__273.1 [4]			__99
Strontium	__6010A	__200.7				__99
Thallium	__6010A __7841 [5]	__200.7	__279.2	__200.9		__99
Tin	__6010A [1]	__200.7				__99
Titanium	__6010A [1]	__200.7				__99
Uranium	__6010A [1]	__200.7 [1]			__1620	__99
Vanadium	__6010A	__200.7				__99
Zinc	__6010A	__200.7				__99
Zirconium	__6010A [1]	__200.7 [1]			__1620	__99

Other:_____ Method:_____

METHOD REFERENCES AND DATA QUALIFIERS

DATA QUALIFIERS

U = Indicates that the parameter was not detected at or above the reported limit. The associated numerical value is the sample detection limit.

* = Indicates that the original sample result is greater than 4x the spike amount added.

ABBREVIATIONS

MB = Method or Preparation Blank.
MS = Matrix Spike.
MSD = Matrix Spike Duplicate.
REP = Sample Replicate
LCS = Laboratory Control Sample.
NC = Not calculated.

ANALYTICAL METAL METHODS

1. Not included in the method element list.

2. Modified Hg: Hg1 and Hg2 require less total volume of digestate due to the autosampler analysis. Sample volumes and reagents for mercury determinations in water and soil have been proportionately scaled down to adapt to this semi-automated technique. The sample volume used for water analysis is 33 mL. For soils, 0.1 grams of sample is taken to a final volume of 50 mL (including all reagents).

3. Modified Hg: Hg1 and Hg2 require less total volume of digestate due to the autosampler analysis. Sample volumes and reagents for mercury determinations in water and soil have been proportionately scaled down to adapt to this semi-automated technique. The sample volume used for water analysis is 33 mL. For soils, three 0.1 gram of sample is taken to a final volume of 50 mL (including all reagents).

4. Flame AA.

5. Graphite Furnace AA.

Recra LabNet Lionville

INORGANICS DATA SUMMARY REPORT 11/06/97

CLIENT: TNU-HANFORD RECRA LOT # [illegible]

WORK ORDER: 10985-001-001-9999-00

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT	DILUTION FACTOR
-001	BOM307	Chromium, Total	5.9	UG/L	[illegible]	1.0
		Iron, Total	723	UG/L	[illegible]	1.0

Recra LabNet: Lionville

INORGANICS METHOD BLANK DATA SUMMARY PAGE 11/06/97

CLIENT: TNU-HANFORD RECRA LOT #: [illegible]

WORK ORDER: 10985-001-001-9999-00

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT	DILUTION FACTOR
BLANK1	97L2183-MB1	Chromium, Total	3.1 u	UG/L	[illegible]	1.0
		Iron, Total	12.2	UG/L	[illegible]	1.0

Recra LabNet: Lionville

INORGANICS ACCURACY REPORT 11/06/97

CLIENT: TNU-HANFORD RECRA LOT #: 971[illegible]

WORK ORDER: 10985-001-001-9999-00

SAMPLE	SITE ID	ANALYTE	SPIKED SAMPLE	INITIAL RESULT	SPIKE AMOUNT	%REC	DILUTION FACTOR(SPK)
-001	BOM307	Chromium, Total	[illegible]	5.9	200	[illegible]	1.0
		Chromium, Total MSD	196	5.9	200	[illegible]	1.0
		Iron, Total	[illegible]	723	1000	[illegible]	1.0
		Iron, Total MSD	[illegible]	723	1000	[illegible]	1.0

Recra LabNet: Lionville

INORGANICS DUPLICATE SPIKE REPORT 11/06/97

CLIENT: TNU-HANFORD RECRA LOT #: [illegible]

WORK ORDER: 10985-001-001-9999-00

SAMPLE	SITE ID	ANALYTE	SPIKE#1 %RECOV	SPIKE#2 %RECOV	%DIFF
-001	BOM307	Chromium, Total	88.8	90.0	1.5
		Iron, Total	96.0	96.3	0.34

Recra LabNet Lionville

INORGANICS PRECISION REPORT 11/06/97

CLIENT: TNU-HANFORD RECRA LOT #: [illegible]

WORK ORDER: 10985-001-001-9999-00

SAMPLE	SITE ID	ANALYTE	INITIAL RESULT	REPLICATE	RPD	DILUTION FACTOR(REP)
-001REP	BOM307	Chromium, Total	5.9	5.6	[illegible]	1.0
		Iron, Total	823	801	[illegible]	1.0

Recra LabNet: Lionville

INORGANICS LABORATORY CONTROL STANDARDS REPORT 11/06/97

CLIENT: TNU-HANFORD RECRA LOT #: 971[illegible]

WORK ORDER: 10985-001-001-9999-00

SAMPLE	SITE ID	ANALYTE	SPIKED SAMPLE	SPIKED AMOUNT	UNITS	%RECOV
LCS1	97L2183-LC1	Chromium, LCS	[illegible]	500	UG/L	[illegible]
		Iron, LCS	[illegible]	5000	UG/L	[illegible]

Recra LabNet - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
TNU-HANFORD

DATE RECEIVED: 10/11/97 RFW LOT # :9710L777

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
BOM307						
CHROMIUM, TOTAL	001	W	97L2183	10/07/97	11/03/97	11/03/97
CHROMIUM, TOTAL	001 REP	W	97L2183	10/07/97	11/03/97	11/03/97
CHROMIUM, TOTAL	001 MS	W	97L2183	10/07/97	11/03/97	11/03/97
CHROMIUM, TOTAL	001 MSD	W	97L2183	10/07/97	11/03/97	11/03/97
IRON, TOTAL	001	W	97L2183	10/07/97	11/03/97	11/03/97
IRON, TOTAL	001 REP	W	97L2183	10/07/97	11/03/97	11/03/97
IRON, TOTAL	001 MS	W	97L2183	10/07/97	11/03/97	11/03/97
IRON, TOTAL	001 MSD	W	97L2183	10/07/97	11/03/97	11/03/97
LAB QC:						
CHROMIUM LABORATORY	LC1 BS	W	97L2183	N/A	11/03/97	11/03/97
CHROMIUM, TOTAL	MB1	W	97L2183	N/A	11/03/97	11/03/97
IRON LABORATORY	LC1 BS	W	97L2183	N/A	11/03/97	11/03/97
IRON, TOTAL	MB1	W	97L2183	N/A	11/03/97	11/03/97

RECRA LabNet Use Only
9710L777

Custody Transfer Record/Lab Work Request

RECRA LabNet

Client TNU - HANFORD
Est. Final Proj. Sampling Date
Project # 10985-001-001-9999-00
Project Contact/Phone #
RECRA Project Manager K.C.
QC STD Del STD TAT 30 DAY
Date Rec'd 10-11-97 Date Due 11-10-97
Account # TNUHANFORD

		VOA	BNA	Pest/PCB	Herb					INORG	CN		
Refrigerator #										3		3	3
#/Type Container	Liquid									1P		1P	2AG
	Solid												
Volume	Liquid									500		500	950
	Solid												
Preservatives										HNO3		H2SO4	H2SO4
ANALYSES REQUESTED		VOA	BNA	Pest/PCB	Herb					ICP/AA Metals	CN	DAJ 350.1	413.1

MATRIX CODES:
S - Soil
SE - Sediment
SO - Solid
SL - Sludge
W - Water
O - Oil
A - Air
DS - Drum Solids
DL - Drum Liquids
L - EP/TCLP Leachate
WI - Wipe
X - Other
F - Fish

Lab ID	Client ID/Description	Matrix QC Chosen (✓) MS	MSD	Matrix	Date Collected	Time Collected	RECRA LabNet Use Only: ICAT0 / MET0		NH3N	10GGR
001	B0M3B7			W	10-7-97	0945	✓		✓	✓

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions:
RSA-CLIENT INFO
RMSC-Comp

SDG # H0106

3.3°C

DATE/REVISIONS:
1
2
3
4
5
6

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
PBD B[illegible]	[signature]	10/11/97	0934				

ORIGINAL

Discrepancies Between Samples Lables and COC Record? Y or (N)
NOTES:

RECRA LabNet Use Only

Samples were:
1) Shipped ✓ or Hand Delivered
Airbill # 417 4154 15
2) Ambient or (Chilled)
3) Received in Good Condition (Y) or N
4) Labels Indicate Properly Preserved (Y) or N
5) Received Within Holding Times (Y) or N

COC Tape was:
1) Present on Outer Package (Y) or N
2) Unbroken on Outer Package (Y) or N
3) Present on Sample (Y) or N
4) Unbroken on Sample (Y) or N
COC Record Present Upon Sample Rec't (Y) or N

012

RECRA
LabNet
a division of Recra Environmental, Inc.
Virtual Laboratories Everywhere

Recra LabNet Philadelphia
Analytical Report

Client : TNU-HANFORD
RFW# : 9710L777
SDG# : H0106

W.O. # : 10985-001-001-9999-00
Date Received: 10-11-97

INORGANIC CASE NARRATIVE

1. This narrative covers the analyses of 1 water sample.

2. The sample was prepared and analyzed in accordance with the methods checked on the attached glossary. For NPDES samples: Ammonia distillations for method 350.3 were not performed as specified in 40 CFR part 136.

3. Sample holding times as required by the method and/or contract were met.

4. The cooler temperature was recorded on the chain-of-custody.

5. The method blanks were within method criteria.

6. The Laboratory Control Samples (LCS) for Ammonia were within the laboratory control limits (LCL), however the LCS 97LOG053-MB1 for Oil and Grease was below the LCL of 73.4-115.7%. The duplicate LCS were within the 20% Relative Percent Difference (RPD) control limit.

7. The matrix spike recoveries for Ammonia were within the 75-125% control limits. The duplicate spike was within the 20% RPD control limit.

8. The replicate analyses were within the 20% RPD control limit.

Bruce C. [signature] unit leader   11-12-97

for J. Michael Taylor
Vice President and Laboratory Manager
Lionville Analytical Laboratory

Date

njp\i10-777

The results presented in this report relate only to the analytical testing and conditions of the samples at receipt and during storage. All pages of this report are integral parts of the analytical data. Therefore, this report should only be reproduced in its entirety of 11 pages.

WET CHEMISTRY METHODS GLOSSARY FOR ANALYSIS OF WATER SAMPLES

	EPA 600	SW846	OTHER
Acidity	__305.1		
__Alkalinity __Bicarbonate __Carbonate	__310.1		
BOD	__405.1		__5210B (b)
Ion Chromatography:			
__Bromide __Chloride __Fluoride	__300.0	__9056	
__Nitrite __Nitrate __Phosphate	__300.0	__9056	
__Sulfate __Formate __Acetate __Oxalate	__300.0	__9056	
Chloride	__325.2	__9251	
Chlorine Residual	__330.5 (mod)		
Cyanide Amenable to Chlorination	__335.2	__9010A	
Cyanide (Total)	__335.2	__9010A __9012	__ILM04.0 (c)
Cyanide, Weak Acid Dissociable			__412 (a) __4500CN-I (b)
COD	__410.4 (mod)		__5220 C (b)
Color	__110.2		
Corrosivity (by Coupon)		__1110 (mod)	
Chromium VI		__7196A	__3500Cr-D (b)
Fluoride	__340.2		
Hardness, Calcium	__215.2		
Hardness, Total	__130.2		
Iodide			__ASTM D19P202 (1)
Surfactant	__425.1		
__Nitrate-Nitrite __Nitrate __Nitrite	__353.2		
Ammonia	__350.3		
Total __Kjeldahl Nitrogen __Organic Nitrogen	__351.4		
Total __Organic __Inorganic Carbon	__415.1	__9060	
Oil and Grease	__413.1	__9070	
__pH __pH, Paper	__150.1	__9040A __9041A	
Petroleum Hydrocarbons, Total Recoverable	__418.1		
Phenol	__420.1 __420.2	__9065 __9066	
__Ortho Phosphate __Total Phosphate	__365.2		__4500-P B __C
Salinity			__210A (a) __2520B (b)
Settleable Solids	__160.5		
Sulfide	__376.2 __376.1	__9030A	
Reactive __Cyanide __Sulfide		__Sec 7.3	
Silica	__370.1		
Sulfite	__377.1		
Sulfate	__375.4	__9038	
Specific Conductance	__120.1	__9050	
Specific Gravity			__213E (a)
__TCLP __TCLV		__1311	
Synthetic Precipitation Leach		__1312	
Total __Dissolved __Suspended __Solids	160__.1__.2__.3		
Total Organic Halides	__450.1	__9020B	
Turbidity	__180.1		
Volatile Solids __Total __Dissolved __Suspended	__160.4		
Other:_____		Method:_____	

METHOD REFERENCES AND DATA QUALIFIERS

DATA QUALIFIERS

U = Indicates that the parameter was not detected at or above the reported limit. The associated numerical value is the sample detection limit.

* = Indicates that the original sample result is greater than 4x the spike amount added.

ABBREVIATIONS

MB = Method or Preparation Blank.
MS = Matrix Spike.
MSD = Matrix Spike Duplicate.
REP = Sample Replicate
LC = Laboratory Control Sample.
NC = Not calculated.

A suffix of -R, -S, or -T following these codes indicate a replicate, spike or sample duplicate analysis respectively.

ANALYTICAL WET CHEMISTRY METHODS

1. ASTM Standard Methods.

2. USEPA Methods for Chemical Analysis of Water and Wastes (USEPA 600/4-79-020).

3. Test Methods for Evaluating Solid Waste (USEPA SW-846).

a. Standard Methods for the Examination of Water and Waste, 16 ed., (1989).

b. Standard Methods for the Examination of Water and Waste, 17 ed., (1983)

c. Method of Soil Analysis, Part 1, Physical and Mineralogical Methods, 2nd. Ed. (1986)

d. Method of Soil Analysis, Part 2, Chemical and Microbiological Properties, Am. Soc. Agron., Madison, WI (1965)

e. USEPA Contract Laboratory Program, Statement of Work for Inorganic Analysis.

f. Code of Federal Regulations.

RFW 21-21L-034/D-06/96

Recra LabNet - Lionville

INORGANICS DATA SUMMARY REPORT 11/07/97

CLIENT: TNU-HANFORD RECRA LOT #: 9710L777

WORK ORDER: 10985-001-001-9999-00

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT	DILUTION FACTOR
-001	BOM307	Ammonia, as N	0.10 u	MG/L	0.10	1.0
		Oil & Grease Gravimetri	2.4	MG/L	1.0	1.0

Recra LabNet - Lionville

INORGANICS METHOD BLANK DATA SUMMARY PAGE 11/07/97

CLIENT: TNU-HANFORD

RECRA LOT #: 9710L777

WORK ORDER: 10985-001-001-9999-00

SAMPLE	SITE ID	ANALYTE	RESULT	UNITS	REPORTING LIMIT	DILUTION FACTOR
BLANK10	97LAMA62-MB1	Ammonia, as N	0.10 u	MG/L	0.10	1.0
BLANK10	97LOG053-MB1	Oil & Grease Gravimetri	3.8	MG/L	1.0	1.0

Recra LabNet - Lionville

INORGANICS ACCURACY REPORT 11/07/97

CLIENT: TNU-HANFORD RECRA LOT #: 9710L777

WORK ORDER: 10985-001-001-9999-00

SAMPLE	SITE ID	ANALYTE	SPIKED SAMPLE	INITIAL RESULT	SPIKED AMOUNT	%RECOV	DILUTION FACTOR(SPK)
-001	BOM307	Ammonia, as N	1.1	0.10u	1.0	108.0	1.0
		Ammonia, as N MSD	1.1	0.10u	1.0	107.0	1.0
BLANK10	97LAMA62-MB1	Ammonia, as N	1.0	0.10u	1.0	100	1.0
		Ammonia, as N MSD	0.96	0.10u	1.0	95.8	1.0
BLANK10	97LOG053-MB1	Oil & Grease Gravimetr	30.7	3.8	36.8	73.1	1.0
		Oil & Grease - Grav M	36.5	3.8	38.1	85.9	1.0

Recra LabNet - Lionville

INORGANICS DUPLICATE SPIKE REPORT 11/07/97

CLIENT: TNU-HANFORD RECRA LOT #: 9710L777

WORK ORDER: 10985-001-001-9999-00

SAMPLE	SITE ID	ANALYTE	SPIKE#1 %RECOV	SPIKE#2 %RECOV	%DIFF
-001	BOM307	Ammonia, as N	108.0	107.0	0.93
BLANK10	97LAMA62-MB1	Ammonia, as N	100	95.8	4.3
BLANK10	97LOG053-MB1	Oil & Grease - Grav	73.1	85.9	16.2

Recra LabNet - Lionville

INORGANICS PRECISION REPORT 11/07/97

CLIENT: TNU-HANFORD RECRA LOT #: 9710L777

WORK ORDER: 10985-001-001-9999-00

SAMPLE	SITE ID	ANALYTE	INITIAL RESULT	REPLICATE	RPD	DILUTION FACTOR(REP)
-001REP	BOM307	Ammonia, as N	0.10u	0.10u	NC	1.0
		Oil & Grease Gravimetri	2.4	2.2	8.7	1.0

Recra LabNet - Lionville Laboratory
INORGANIC ANALYTICAL DATA PACKAGE FOR
TNU-HANFORD

DATE RECEIVED: 10/11/97 RFW LOT # :9710L777

CLIENT ID /ANALYSIS	RFW #	MTX	PREP #	COLLECTION	EXTR/PREP	ANALYSIS
BOM307						
AMMONIA	001	W	97LAMA62	10/07/97	10/16/97	10/16/97
AMMONIA	001 REP	W	97LAMA62	10/07/97	10/16/97	10/16/97
AMMONIA	001 MS	W	97LAMA62	10/07/97	10/16/97	10/16/97
AMMONIA	001 MSD	W	97LAMA62	10/07/97	10/16/97	10/16/97
OIL & GREASE BY GRAV	001	W	97LOG053	10/07/97	10/30/97	10/31/97
OIL AND GREASE BY GR	001 REP	W	97LOG053	10/07/97	10/30/97	10/31/97
LAB QC:						
AMMONIA	MB1	W	97LAMA62	N/A	10/16/97	10/16/97
AMMONIA	MB1 BS	W	97LAMA62	N/A	10/16/97	10/16/97
AMMONIA	MB1 BSD	W	97LAMA62	N/A	10/16/97	10/16/97
OIL & GREASE BY GRAV	MB1	W	97LOG053	N/A	10/30/97	10/31/97
OIL AND GREASE BY GR	MB1 BS	W	97LOG053	N/A	10/30/97	10/31/97
OIL AND GREASE BY GR	MB1 BSD	W	97LOG053	N/A	10/30/97	10/31/97

RECRA LabNet Use Only

9710L777

Custody Transfer Record/Lab Work Request

RECRA LabNet

Client TNU - HANFORD
Est. Final Proj. Sampling Date
Project # 10985-001-001-9999-00
Project Contact/Phone #
RECRA Project Manager K.C.
QC STD Del STD TAT 30 DAY
Date Rec'd 10-11-97 Date Due 11-10-97
Account # TNUHANFORD

Refrigerator #								3		3	3					
#/Type Container	Liquid							1P		1P	2AG					
	Solid															
Volume	Liquid							500		500	950					
	Solid															
Preservatives								HNO3		H2SO4	H2SO4					
ANALYSES REQUESTED →		ORGANIC: VOA	BNA	Pest/PCB	Herb			INORG: Metal 6010/7471A 236.2	CN	UH3 350.1	413.1					
RECRA LabNet Use Only								MCAT0 MPET0		WNH3W	WOGGR					

MATRIX CODES:
S - Soil
SE - Sediment
SO - Solid
SL - Sludge
W - Water
O - Oil
A - Air
DS - Drum Solids
DL - Drum Liquids
L - EP/TCLP Leachate
WI - Wipe
X - Other
F - Fish

Lab ID	Client ID/Description	Matrix QC Chosen (✓) MS	MSD	Matrix	Date Collected	Time Collected	VOA	BNA	Pest/PCB	Herb			Metal	CN	UH3 350.1	413.1
001	BOM3P7			W	10-7-97	0945							✓		✓	✓

FIELD PERSONNEL: COMPLETE ONLY SHADED AREAS

Special Instructions:
RSA-CLIENT INFO
AMSC-Comp

SDG # H0106
Cooler temp = 3.3°C

DATE/REVISIONS:
1.
2.
3.
4.
5.
6.

Relinquished by	Received by	Date	Time	Relinquished by	Received by	Date	Time
Peo Bx	[signature]	10/11/97	0935				

Discrepancies Between Samples Lables and COC Record? Y or (N)
NOTES

RECRA LabNet Use Only

Samples were:
1) Shipped ✓ or Hand Delivered
Airbill # 4171415415
2) Ambient or (Chilled)
3) Received in Good Condition (Y) or N
4) Labels Indicate Properly Preserved (Y) or N
5) Received Within Holding Times (Y) or N

COC Tape was:
1) Present on Outer Package (Y) or N
2) Unbroken on Outer Package (Y) or N
3) Present on Sample (Y) or N
4) Unbroken on Sample (Y) or N
COC Record Present Upon Sample Rec'l (Y) or N

ORIGINAL